



# INFLUENZA WATCH

Week 45  
Ending 11/8/2014

The purpose of the weekly *Influenza Watch* is to summarize current influenza surveillance in San Diego County. *Please note that reported weekly data are preliminary and may change due to delayed submissions and additional laboratory results.*

**Report Contents**

Page 1: Overview & Indicators  
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**Current  
Week****Current Week 45 (ending 11/8/2014)**

- 13 new influenza detections reported for Week 44: *Expected level*
- 2% influenza-like-illness (ILI) among emergency department visits: *Expected level*
- 0 influenza-related death reported this week
- 5% of deaths registered with Pneumonia & Influenza: *Expected level*

**Current  
Season Summary****82**

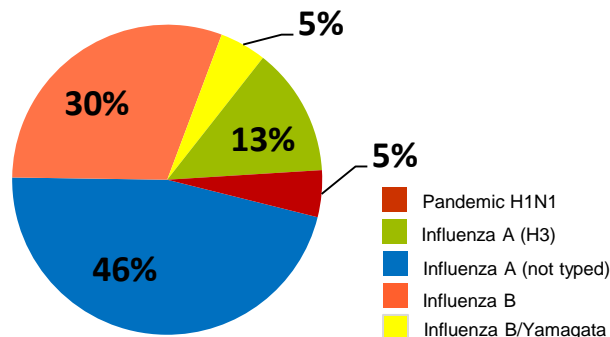
Total Cases

**2**

ICU Cases

**0**

Deaths

**Virus Characteristics****Table 1. Influenza Surveillance Indicators**

Indicator	FY 2014-15			FY 2013-14		Prior 3-Year Average**	
	Week 45	Week 44	FYTD <sup>#</sup>	Week 45	FYTD <sup>#</sup>	Week 45	FYTD <sup>#</sup>
All influenza detections reported (rapid or PCR)	13	4	82	4	26	4	29
Percent of emergency department visits for ILI*	2%	4%		3%		2%	
Percent of deaths registered with pneumonia and/or influenza	5%	5%		7%		6%	
Number of influenza-related deaths reported <sup>^</sup>	0	0	0	0	0	0.0	0.0

<sup>#</sup> FYTD=Fiscal year to date; FY is July 1-June 30 (Week 27-26). Total deaths reported in prior years: 70 in 2013-14, 65 in 2012-13, 14 in 2011-12.

\* Previous weeks percentages may change due to delayed reporting.

\*\* Includes FYs 2013-14, 2012-13, and 2011-12.

<sup>^</sup> Current FY deaths are shown by week of report; by week of death for prior FYs.

**Fluzone High-Dose Influenza Vaccine**

For adults 65 and older a high-dose seasonal flu vaccine ([Fluzone High-Dose](#)) is [available](#). Aging can cause human defenses to weaken putting older adults at higher risk for severe illness from flu, as well as decreasing the body's ability to mount a sufficient immune response to the flu vaccine. [A recent study published in the New England Journal of Medicine](#) indicated that the high-dose vaccine was 24.2% more effective in preventing flu in adults 65 years and older compared to a standard-dose vaccine. For more information about the different kinds of flu vaccines available this season see: [Key Facts About Seasonal Flu Vaccine](#) | [Seasonal Influenza \(Flu\)](#)

**Table 2. Influenza Detections Reported, FY 2014-15\***

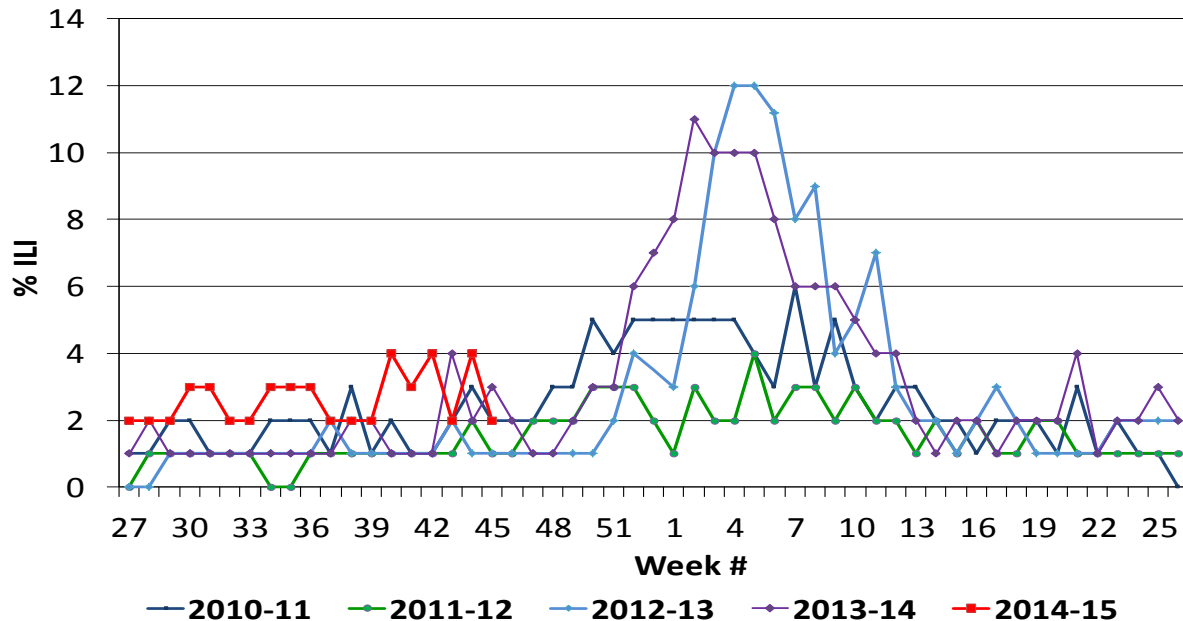
Positive Test Type/Subtype	Week 44	Total To-Date
Influenza A†	7	38
Influenza A(H1N1) Pandemic 2009	0	4
Influenza A (H3) Seasonal	2	11
Influenza B†	2	25
Influenza B/Yamagata	2	4
Influenza A/B†	0	0
<b>Total</b>	<b>13</b>	<b>82</b>

\* FY is July 1- June 30, or Week 27 - 26.

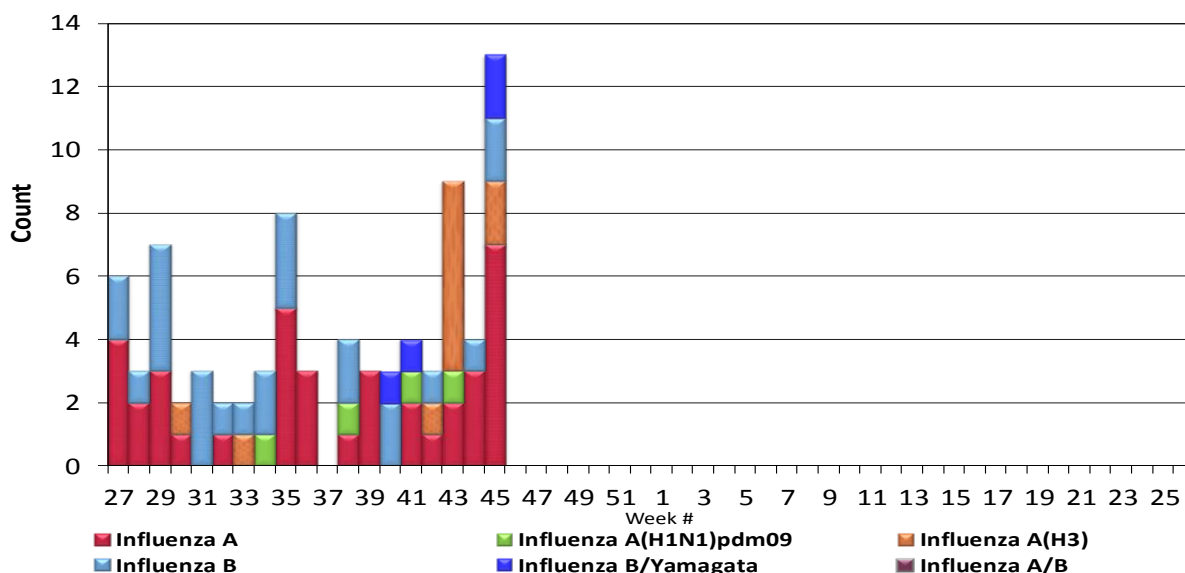
† No further characterization performed or results not available at time of publication.

Note: Totals may change due to further laboratory findings.

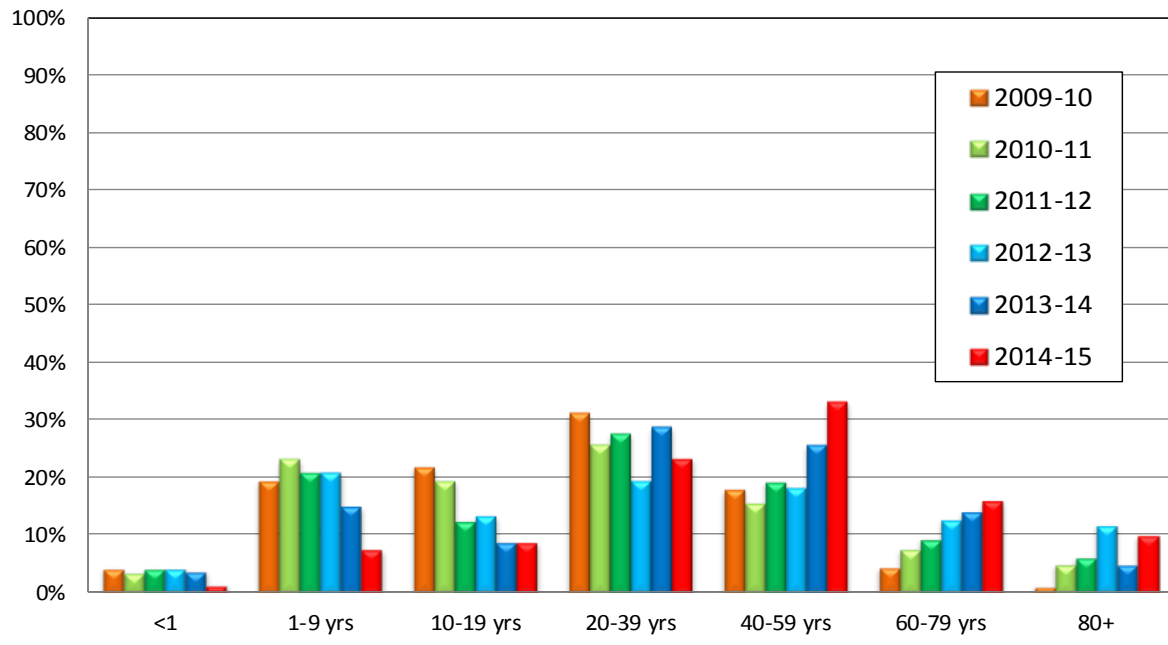
**Figure 1. Percent of Emergency Department Visits for Influenza-like-Illness by Week and FY**



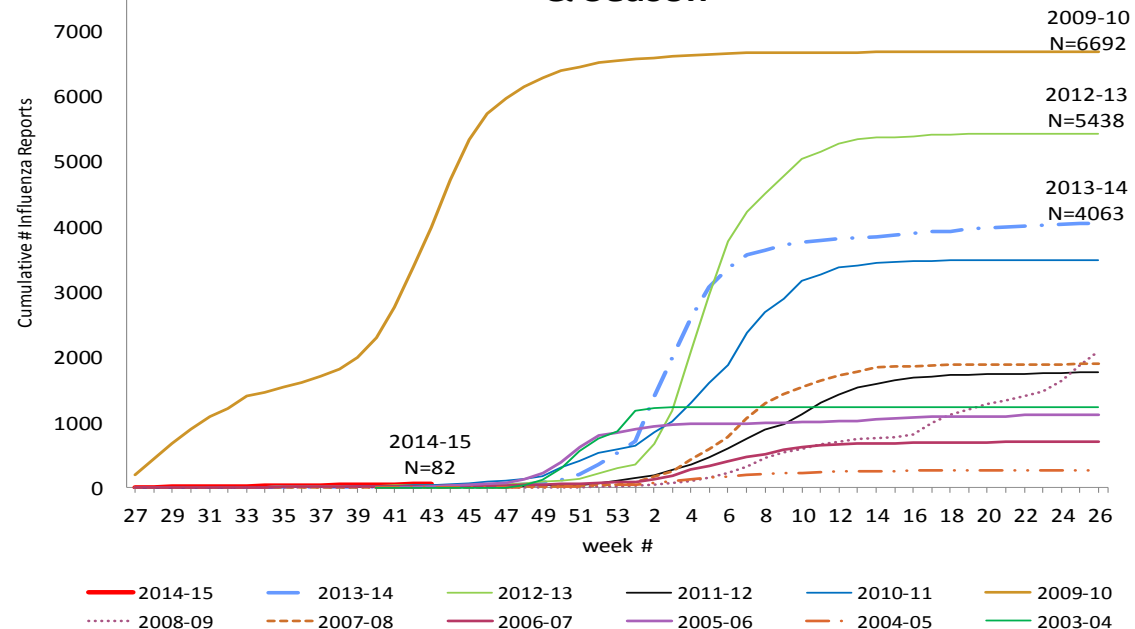
**Figure 2. San Diego County Influenza Detections by Type and Week of Report, 2014-15 FYTD (N=82)**



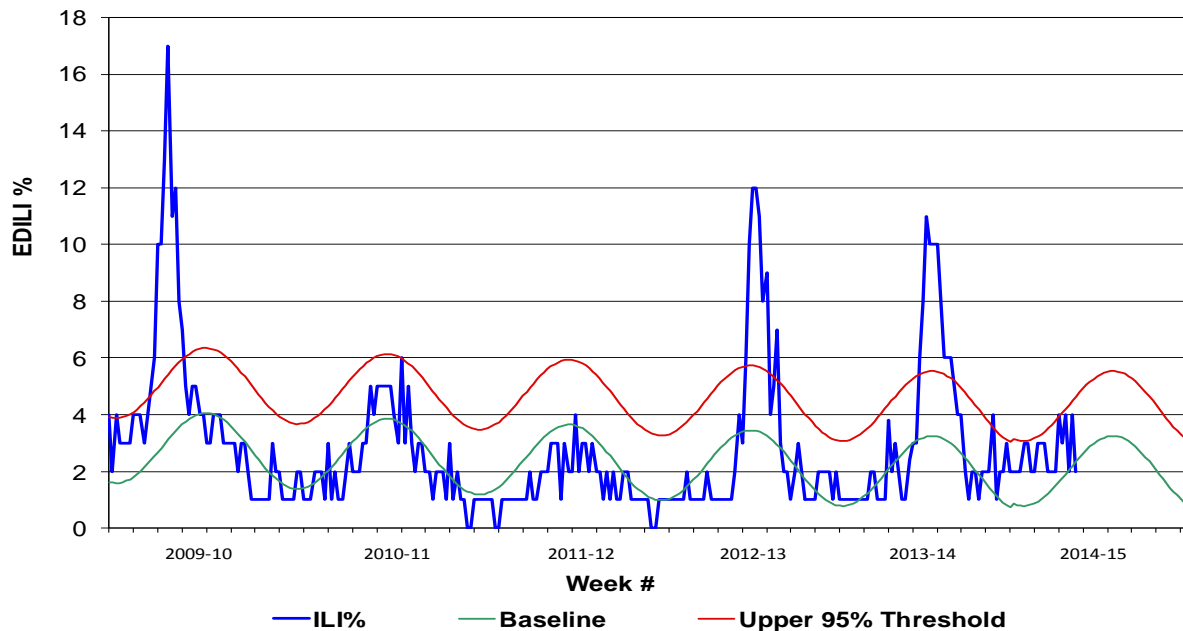
**Figure 3. Percent of Reported Influenza Cases by Age Group and Season, 2009-10 to 2014-15 FYTD**



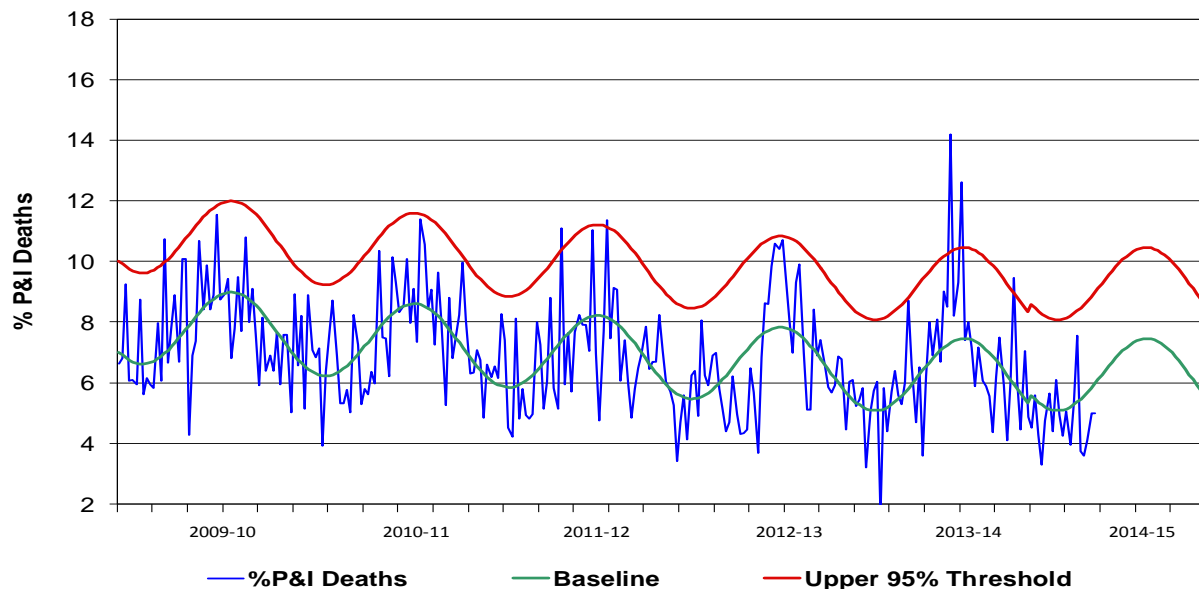
**Figure 4. Cumulative Influenza Case Reports by Week & Season**



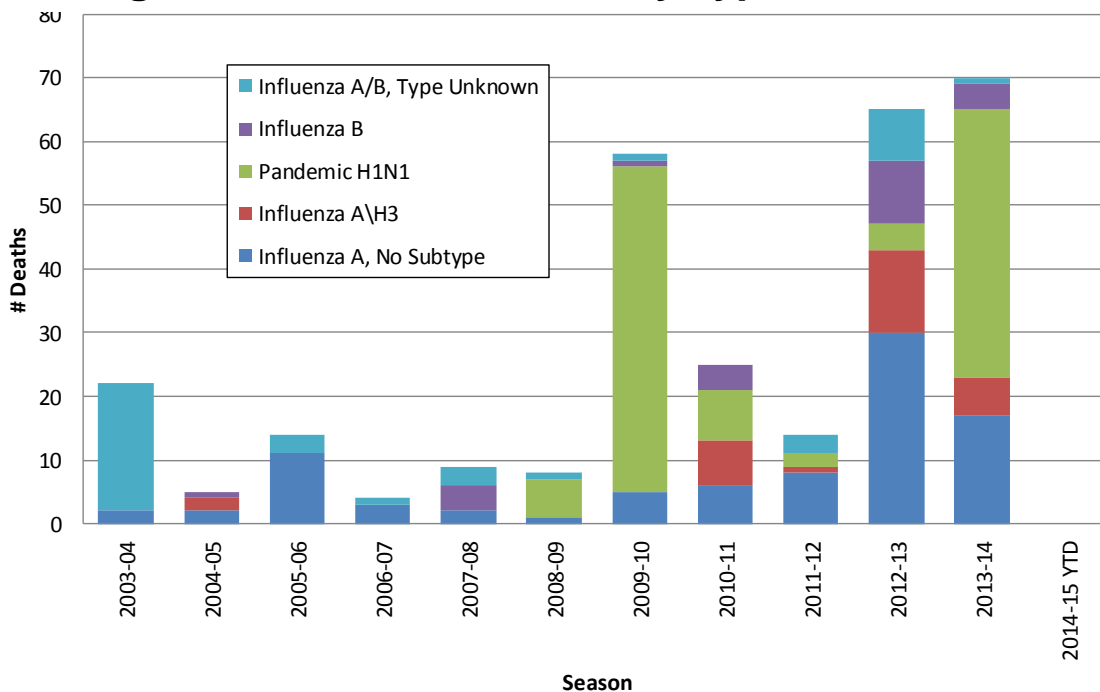
**Figure 5. Percent of San Diego County Emergency Department Visits for Influenza-like-Illness by Week and FY Compared to 5-Year Baseline & Upper 95% Threshold Values (Serfling Method)**



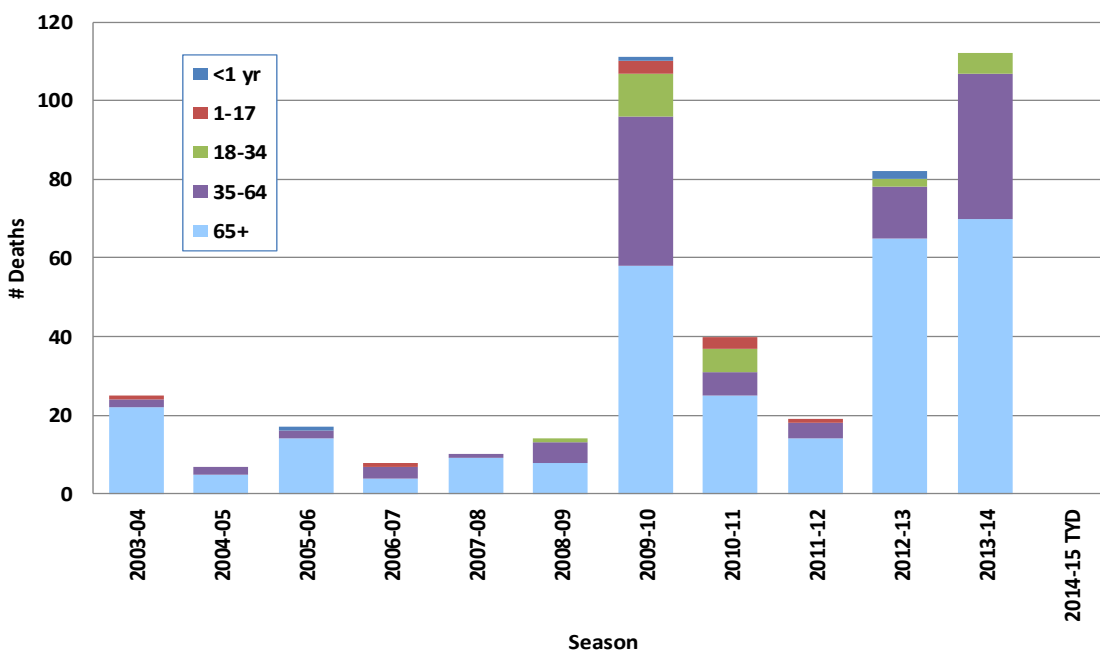
**Figure 6. Percent of All San Diego County Deaths Registered with Pneumonia and/or Influenza by Week and FY Compared to Prior 5-Year Baseline & Upper 95% Threshold (Serfling Method)**

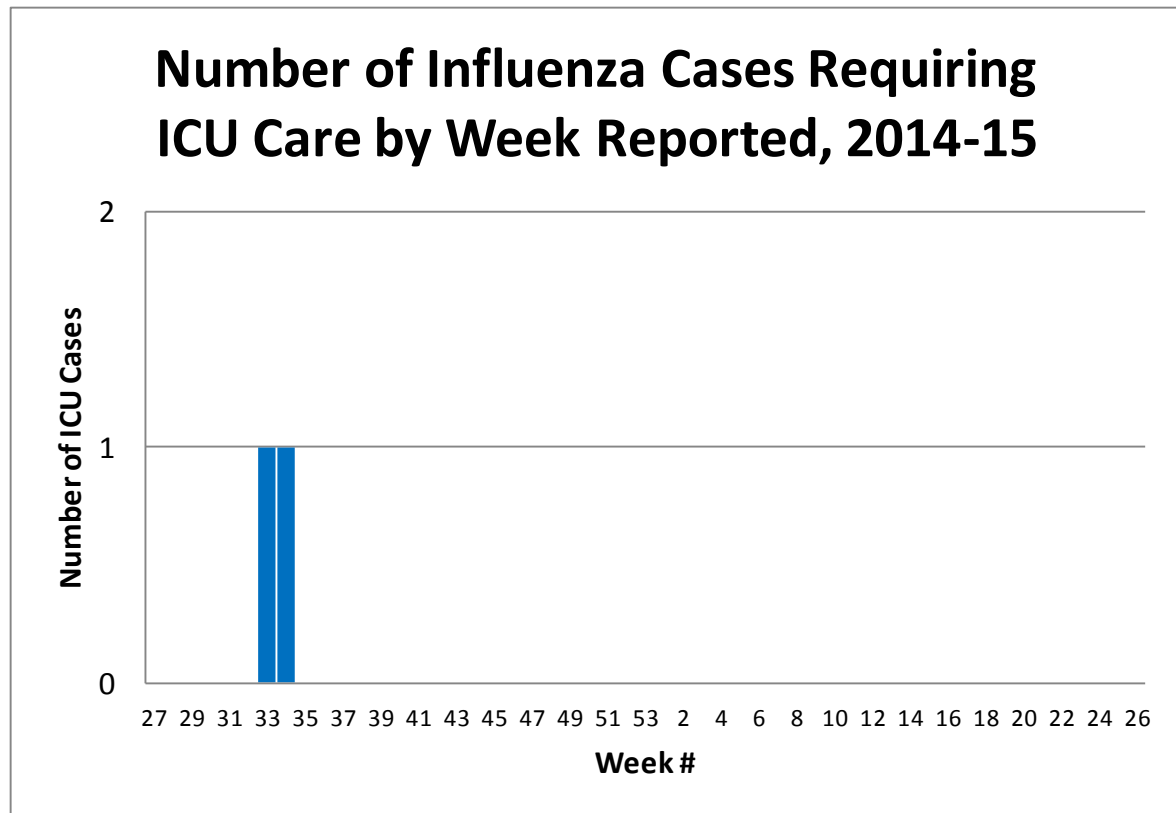


## Figure 7. Influenza Deaths by Type and Season



## Figure 8. Influenza Deaths by Age, and Season





#### State and U.S. Status Reports

- CA Department of Public Health [Influenza](#)
- CDC Influenza Surveillance [Weekly Report](#)

**Influenza Reporting** Local providers are encouraged to report any laboratory positive influenza detections to the County's Epidemiology Program by **FAX to (858) 715-6458**. Please fax a [Case Report Form](#) and/or a printed laboratory result. If known, please indicate if patient was admitted to ICU or died. For questions regarding sending specimens to Public Health Laboratory (PHL), call (619) 692-8500. Click here for the updated PHL [PCR Test Request Form](#). Contact Epidemiology with any questions at **(619) 692-8499** or [EpiDiv.HHSA@sdcounty.ca.gov](mailto:EpiDiv.HHSA@sdcounty.ca.gov).

**Immunization Resources** County of San Diego Immunization Branch [www.sdiz.org](http://www.sdiz.org)